PTO/SB/08a/b (07-05)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

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Complete if Known				
Application Number	10/663282			
Filing Date	September 16, 2003			
First Named Inventor	Yasuyuki Matsuya			
Art Unit	N/A			
Examiner Name	Not Yet Assigned			
uttorney Docket Number 5259-000031/US				

	U.S. PATENT DOCUMENTS					
Examiner	0:45	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	Cite No. ¹	Number-Kind Code ² (# known)	1414 00 10004	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,			
Initials'	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appea			
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	NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
/DS/	CA	A.M. Thurston, "Sigma Delta IF A-D Converters for Digital Radios", GEC Journal of Research, GEC Marconi Research Center, Gread Braddow Chemsford, Great Britain, 1995-11-02			

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Examiner Signature	/Daniel Swerdlow/	Date Considered	06/06/2007
			0.4064

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Initials*	Zarimer Cite		MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear				
/DS/		US-5,815,051**	9/29/1998	Hamasaki et al.					
/DS/	AB*	US-5,548,435***	8/20/1996	Tahara et al.					
/DS/	AC*	US-4,833,418****	5/23/1989	Quintus et al.					

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**** Corresponds to Cite No. BF below

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	76		
Initials*	No.'	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	'		
/DS/	ВА	JP-JP09-069815	3/11/1997	Kadowaki		1		
/DS/	BB	JP-JP02-151090	6/11/1990	Kumagai				
/DS/	BC	JP-JP11-127115	5/11/1999	Matsueda		1		
/DS	BD	JP-JP 2002-152133	5/24/2002	Ito et al.		1		
/DS/		JP-JP06-222707	8/12/1994	Komata		4		
/DS/		JP-JP02-177706	7/10/1990	Quintus et al.				
_/DS/	BG	JP-JP09-284076	10/31/1997	Murota et al.				
/DS/	вн	JP-JP 2002-152288	5/24/2002	lida et al.		 		
/DS/		JP-JP63-250927	10/18/1988	Yamane et al.				
/DS/	BJ	JP-JP08-008831	1/12/1996	Tawara et al.				
/DS/	BK	JP-JP57-118459	7/23/1982	Yamane				

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/DS/		Japanese Office Action dated January 24, 2006 issued on Japanese Patent Application No. 2003-324742	1			

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Examiner	/Daniel Swerdlow/	Date	06/06/2007
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Sheet 1 of 1

ATTORNEY DOCKET No.	SERIAL NO.		
5259-000031	10/663,282		
APPLICANT			
Yasuyuki Matsuya			
FILING DATE	GROUP		
September 16, 2002	2635		

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Ref. Desig.	[] =								
1.	/DS/	2002/0030871A1	03/14/2002	Anderson, et al.					

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	/DS/	EP 0585030 A1	03/02/1994	Europe			
2.	/DS/	EP 0991286 A2	04/05/2000	Europe			
3.	/DS/	EP 0957596 A1	11/17/1999	Europe			

OTHE	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)					
Ref. Desig.	Examiner's Initials					
1.	/DS/	Letter received 1/14/2004 from foreign patent office enclosing the European Search Report for EP 03103409 dated 12/23/2003; ISA/EPO				

Examiner: /Daniel Swerdlow/ Date Considered: 06/06/2007

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1.	/DS/	2002/0030871A1	03/14/2002	Anderson, et al.			

FORE	FOREIGN PATENT DOCUMENTS							
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1.	/DS/	EP 0585030 A1	03/02/1994	Europe				
2.	/DS/	EP 0991286 A2	04/05/2000	Europe			<u>† </u>	
. 3.	/DS/	EP 0957596 A1	11/17/1999	Europe			1	

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Ref. Desig.	Examiner's Initials					
1.	/DS/	Letter received 1/14/2004 from foreign patent office enclosing International Search Report for EP 03103409 dated 12/23/2003; ISA/EPO				

Examiner:

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FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	/DS/	08-037502	02/06/1996	Japan		Abstract	
2.	/DS/	05-130041	05/25/1993	Japan		Abstract	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)				
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